



Changes to Claims

APPENDIX

The following are marked-up versions of the amended claims:

1. (Twice Amended) An optical module, comprising:
a mounting member having a principal surface, the mounting member entirely made of material having a property of transmitting light;
an interconnect formed on said mounting member; and
an optical element mounted on said principal surface and electrically connected to said interconnect,
wherein said mounting member is an optical waveguide for guiding light emitted from said optical element or light admitted to said optical element.
4. (Twice Amended) An optical module, comprising:
an optical element for emitting or admitting light; and
an optical waveguide entirely made of material having a property of transmitting light and having a principal surface, with said optical element mounted on said principal surface, for guiding light emitted from said optical element or light admitted to said optical element.
17. (Twice Amended) An optical module, comprising:
an optical element; and
a mounting member, said mounting member entirely made of material having a property of transmitting light to have a function of an optical waveguide for guiding light emitted from said optical element or light admitted to said optical element, said mounting member electrically connected to said optical element or a semiconductor element associated with said optical element.

RECEIVED
TECHNOLOGY CENTER 2800
DEC 21 2001

18. (Twice Amended) An optical module, comprising:

a mounting member having a principal surface and a lateral surface, the mounting member entirely made of material having a property of transmitting light; and

an optical element mounted on said principal surface,

wherein said mounting member has a function of an optical waveguide, and an optical input/output terminal for said optical waveguide is provided on said lateral surface.